

Date: Fri, 24 Dec 93 04:30:41 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #120
To: Ham-Space

Ham-Space Digest Fri, 24 Dec 93 Volume 93 : Issue 120

Today's Topics:

 10m rx
 MIR QSL Info needed Please!!!!
 Santa in orbit?
 Two-Line Element Set Questions

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 23 Dec 1993 20:23:19 GMT
From: usc.edu!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!col.hp.com!
srngenprp!news.dtc.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!greg@network.ucsd.edu
Subject: 10m rx
To: ham-space@ucsd.edu

Eric,

I use my Radio Shack DX440 shortwave receiver. Turn on the BFO and you're
all set. I use a 3/2 wave wire antenna with it. Works fine.

Greg. KD6KGW

Date: Thu, 23 Dec 1993 17:48:48 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!
bloom-beacon.mit.edu!news.bu.edu!inmet!fp11.camb.inmet.com!user@network.ucsd.edu
Subject: MIR QSL Info needed Please!!!!

To: ham-space@ucsd.edu

In article <CIgy7G.LqH@ve6mgs.ampr.ab.ca>, jeff@ve6mgs.ampr.ab.ca (Jeff Macus) wrote:

>
> Hello All,
> I need the QSL address for Mir! 73 de Jeff

Date: 23 Dec 1993 17:36:11 GMT
From: illuminati.io.com!indial1.io.com!koffer@uunet.uu.net
Subject: Santa in orbit?
To: ham-space@ucsd.edu

According to the satellite tracking program I have, the Hubble Space Telescope will pass over Austin on Friday, Christmas Eve. It will be visible from 6:05pm CST to 6:09pm CST, and will track from west to east, reaching a maximum elevation of 69 degrees (i.e. near overhead) off the horizon to the south.

It will appear as a bright, star-like object. Parents with small children may want to show them "Santa-Claus". Tell them heUs gonna make a stop off in Houston and then back-track after bedtime ;^).

I feel pretty sure about this prediction. I got the December 17th orbital elements from NORAD off an internet site. During the recent HST repair mission, the visibility predictions were very accurate.

Residents in Texas and other southern states east of Texas should be able to see Hubble shortly afterwards. It will be hugging the southern coastline of the US and pass over northern Florida about 5:11pm PST.

Enjoy!

```
+-----+
| Ken Offer      | Gemini Dreams      |
| Chief of Bits  | Shareware software for |
| koffer@io.com  | the Macintosh      |
+-----+
| My opinions are not necessarily yours, |
| but we do have the RIGHT to disagree... |
+-----+
```

Date: 14 Dec 93 01:02:46 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!paladin.american.edu!afterlife!

blackbird.afit.af.mil!tkelso@ucbvax.berkeley.edu
Subject: Two-Line Element Set Questions
To: ham-space@ucsd.edu

Dave <HARTRUM@delphi.com> writes:

>Your message on two-line element set questions was very informative. Where can
>one find more information about the SGP4 orbital model and algorithms for
>computing satellite positions based on this model?

>-----

>Dave Hartrum
>hartrum@delphi.com or 71664.1743@compuserve.com

>

The most current orbital elements from the NORAD two-line element sets are carried on the Celestial BBS, (513) 427-0674, and are updated daily (when possible). Documentation and tracking software are also available on this system. The Celestial BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using 8 data bits, 1 stop bit, no parity.

Element sets (also updated daily) and some documentation and software are available via anonymous ftp from archive.afit.af.mil (129.92.1.66) in the directory pub/space.

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Dr TS Kelso
tkelso@afit.af.mil

Assistant Professor of Space Operations
Air Force Institute of Technology

Date: (null)

From: (null)

+-----+
+ Nothing is for sure until it is over then, it is only highly probable +
+-----+
+ Steve Haber Systems Development & Integration (617) 661-1440 x 4235 +
+ Intermetrics Inc. 733 Concord Ave. Cambridge MA 02138 +
+-----+
+ Amateur Radio N1LHW AFMARS AFT1FV Civil Air Patrol NH Profile 175 +
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+-----+

End of Ham-Space Digest V93 #120

